

Amendments to the Claims

Please amend claims 21, 30, 39 and 44 as shown below.

Please cancel claims 1-20, 42, 43, 45-48, 50, 51 and 53-58.

Listing of Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Claims 1-20. (Cancelled)

21. (Currently amended) ~~The wireless telecommunications unit of Claim 1, wherein said microcontroller is provided with~~ A wireless telecommunications unit comprising:

a wireless telecommunications means for wireless telecommunication with the outside, possessing an identification number for wireless telecommunications;

a memory means; and

a microcontroller to control said wireless telecommunications means and said memory means, said microcontroller comprising:

a means for performing a control for an external unit to implement wireless telecommunications with the outside by said wireless telecommunications means when said microcontroller is connected to said external unit;

a means for performing a control for said external unit to use said memory means as a file system of a specified operating system when said microcontroller is connected to said external unit;

a means for performing a control for said wireless telecommunications means to carry out telecommunications using said memory means in accordance with instructions from said external unit or said microcontroller; and

a processing means for executing data processing using data recorded in said memory means, and a delegation request means that requests at least a partial delegation of said data processing to said specified operating system of said external unit connected to said microcontroller.

22. (Original) The wireless telecommunications unit of Claim 21, wherein said delegation request means requests at least a partial delegation of said data processing to said specified operating system of said external unit, only in cases where the data processing capacity of said external unit connected to said microcontroller is greater than a specified data processing capacity.

23. (Original) The wireless telecommunications unit of Claim 21, wherein said delegation request means requests at least a partial delegation of said data processing to said specified operating system of said external unit, only in cases where the present data processing capacity of said external unit connected to said microcontroller is greater than a specified data processing capacity.

24. (Original) The wireless telecommunications unit of Claim 21, wherein said delegation request means requests at least a partial delegation of said data processing to said specified operating system of said external unit, only in cases where the data processing to be executed by said data processing means is the specified data processing.

25. (Original) The wireless telecommunications unit of Claim 21, wherein said delegation request means requests at least a partial delegation of said data processing to said specified operating system of said external unit, according to instructions contained in data used in data processing executed by said processing means.

26. (Original) The wireless telecommunications unit of Claim 21, wherein said delegation request means requests at least a partial delegation of said data processing to said specified operating system of said external unit, only in cases where the present data processing capacity of said processing means is lower than a specified data processing capacity.

27. (Original) The wireless telecommunications unit of Claim 21, wherein said delegation request means requests the delegation of processing in which all the data used is recorded in an area that can be accessed from said specified operating system, being processing that is at least a portion of said data processing, to said specified operating system of said external unit connected via said microcontroller.

28. (Original) The wireless telecommunications unit of Claim 21, wherein said delegation request means determines the distribution ratio of processing based on the data processing capacity of said processing means and the load of data processing to be executed by said processing means, and requests the delegation of a load according to the distribution ratio in said data processing, to said specified operating system of said external unit connected via said microcontroller.

29. (Original) The wireless telecommunications unit of Claim 21, wherein said delegation request means determines the distribution ratio of processing based on the data processing capacity of said processing means and the data processing means of said external unit connected via said microcontroller, and requests the delegation of a load according to the distribution ratio in said data processing, to said specified operating system of said external unit.

30. (Currently amended) ~~The wireless telecommunications unit of Claim 1, wherein said microcontroller is provided with~~ A wireless telecommunications unit comprising:

a wireless telecommunications means for wireless telecommunication with the outside, possessing an identification number for wireless telecommunications;

a memory means; and

a microcontroller to control said wireless telecommunications means and said memory means, said microcontroller comprising:

a means for performing a control for an external unit to implement wireless telecommunications with the outside by said wireless telecommunications means when said microcontroller is connected to said external unit;

a means for performing a control for said external unit to use said memory means as a file system of a specified operating system when said microcontroller is connected to said external unit;

a means for performing a control for said wireless telecommunications means to carry out telecommunications using said memory means in accordance with instructions from said external unit or said microcontroller; and

a received data replay control means that controls the reception operation and the replay operation according to the type of received data and the connection status of said external unit, when data is received.

31. (Original) The wireless telecommunications unit of Claim 30, wherein said received data replay control means writes the received data to said memory means when data is received and in cases where an external unit with received data replay functions is not connected to said microcontroller.

32. (Original) The wireless telecommunications unit of Claim 30, wherein said microcontroller is provided with a conversion means for converting received data to data of another format.

33. (Original) The wireless telecommunications unit of Claim 32, wherein said received data replay control means converts received data to alternative data in a format that is replayable by said external unit using said conversion means, when data has been received, and writing said alternative data instead of said received data to said memory means, in cases where an external unit connected to said microcontroller cannot replay the received data, and said conversion means can convert said received data to a format that is replayable by said external unit.

34. (Original) The wireless telecommunications unit of Claim 32, wherein said received data replay control means converts said data to alternative data in a format that is replayable by said external unit using said conversion means, and writing said alternative data instead of said received data to said memory means, in cases where said external unit connected to said microcontroller cannot replay the received data and said conversion means can convert said data to a format that is replayable by said external unit, when replay of data in said memory means is directed.

35. (Original) The wireless telecommunications unit of Claim 32, wherein there is provided a conversion announcement means that announces that conversion has been performed by said conversion means.

36. (Original) The wireless telecommunications unit of Claim 32, wherein said received data replay control means sends to the telecommunications network a channel support request signal requesting support for the wireless telecommunications channel by the wireless telecommunications means for a specified period of time, in cases where an external unit possessing functions to replay received data is not connected to said microcontroller, and in the meantime, in cases where an external unit possessing functions to replay received data is connected to said microcontroller, said received data replay control means carries out automatic reception, and receives said data from said telecommunications network by said wireless telecommunications means, and supplies it to said external unit.

37. (Original) The wireless telecommunications unit of Claim 32, wherein there is provided an announcement means for announcing the receipt of data, in cases where an external unit with the received data replay function is not connected to said microcontroller, when data is received.

38. (Original) The wireless telecommunications unit of Claim 32, wherein said received data replay control means writes at least one of the following to a memory means: the transmission source of the received data, time of receipt, and the type of data, when an external unit with the received data replay function is not connected to said microcontroller, when data is received.

39. (Currently amended) ~~The wireless telecommunications unit of Claim 1, provided with~~ A wireless telecommunications unit comprising:

a wireless telecommunications means for wireless telecommunication with the outside, possessing an identification number for wireless telecommunications;

a memory means; and

a microcontroller to control said wireless telecommunications means and said memory means, said microcontroller comprising:

a means for performing a control for an external unit to implement wireless telecommunications with the outside by said wireless telecommunications means when said microcontroller is connected to said external unit;

a means for performing a control for said external unit to use said memory means as a file system of a specified operating system when said microcontroller is connected to said external unit;

a means for performing a control for said wireless telecommunications means to carry out telecommunications using said memory means in accordance with instructions from said external unit or said microcontroller; and

a short distance wireless telecommunications means for carrying out wireless telecommunications with another wireless telecommunications unit, and said microcontroller is provided with a relay control means for controlling the relay of data telecommunications between another wireless telecommunications unit and a remote station on the wide-area wireless telecommunications, using said wireless telecommunications means and said short distance wireless telecommunications means.

40. (Original) The wireless telecommunications unit of Claim 39, wherein said relay control means broadcasts data relating to the telecommunications resources provided by said wireless telecommunications means, using said short distance wireless telecommunications means.

41. (Original) The wireless telecommunications unit of Claim 39, provided with a short distance wireless telecommunications unit having said short distance wireless telecommunications means and a wide-area telecommunications unit having said wireless telecommunications means, and provided with at least a wide-area telecommunications unit, if not also a short distance wireless telecommunications unit the wide-area telecommunications unit and the short distance wireless telecommunications unit being attached to or detached from the housing of the wireless telecommunications unit.

42. (Cancelled)

43. (Cancelled)

44. (Currently amended) ~~The wireless telecommunications unit of Claim 42, provided with~~ A wireless telecommunications unit comprising:

a wireless telecommunications means for wireless telecommunication with the outside, possessing an identification number for wireless telecommunications;

a memory means, the said memory means possessing a general-use memory unit capable of reading or writing by said external unit, using an ordinary file access method, and a write-only area that can be written from said external unit side, using an ordinary file access method, and a registration area containing registered data that is the basis for user authentication and which is inaccessible from said external unit; and

a microcontroller to control said wireless telecommunications means and said memory means, said microcontroller comprising:

a means for performing a control for an external unit to implement wireless telecommunications with the outside by said wireless telecommunications means when said microcontroller is connected to said external unit;

a means for performing a control for said external unit to use said memory means as a file system of a specified operating system when said microcontroller is connected to said external unit;

a means for performing a control for said wireless telecommunications means to carry out telecommunications using said memory means in accordance with instructions from said external unit or said microcontroller; and

an authentication control mean so that when a user's input data is written to said write-only area from said external control unit, said input data and said registered data undergo authentication processing to determine whether or not they satisfy the predetermined relationship, said authentication control means allowing the access to said general-use memory unit from said external unit only in cases where they are determined to satisfy the predetermined relationship; and

a log in detection means for detecting user log in to said external unit, wherein said authentication control means carries out authentication processing when user log in to said external unit is detected by said log in detection means and the user input data is written from the said external unit side to said write-only area.

Claims 45-48. (Cancelled)

49. (Original) The wireless telecommunications unit of Claim 44, wherein said authentication control means permits writing only to said write-only area from said external unit when the user logs out with respect to said external unit.

50. (Cancelled)

51. (Cancelled)

52. (Original) The wireless telecommunications unit of Claim 44, wherein said authentication control means, moreover, permits writing only to said write-only area from said external unit side, when it receives specific instructions from said external unit side, and user log in to said external unit is detected by said log in detection means.

Claims 53-82. (Cancelled)